

The background of the image is the Texas state flag, featuring a white five-pointed star on a blue field in the upper left, and red and white horizontal stripes in the lower right.

# **Supplemental Mosquito Control In Texas**

**Am. Mosquito Control Association Annual  
Meeting**

**Sparks, Nevada**

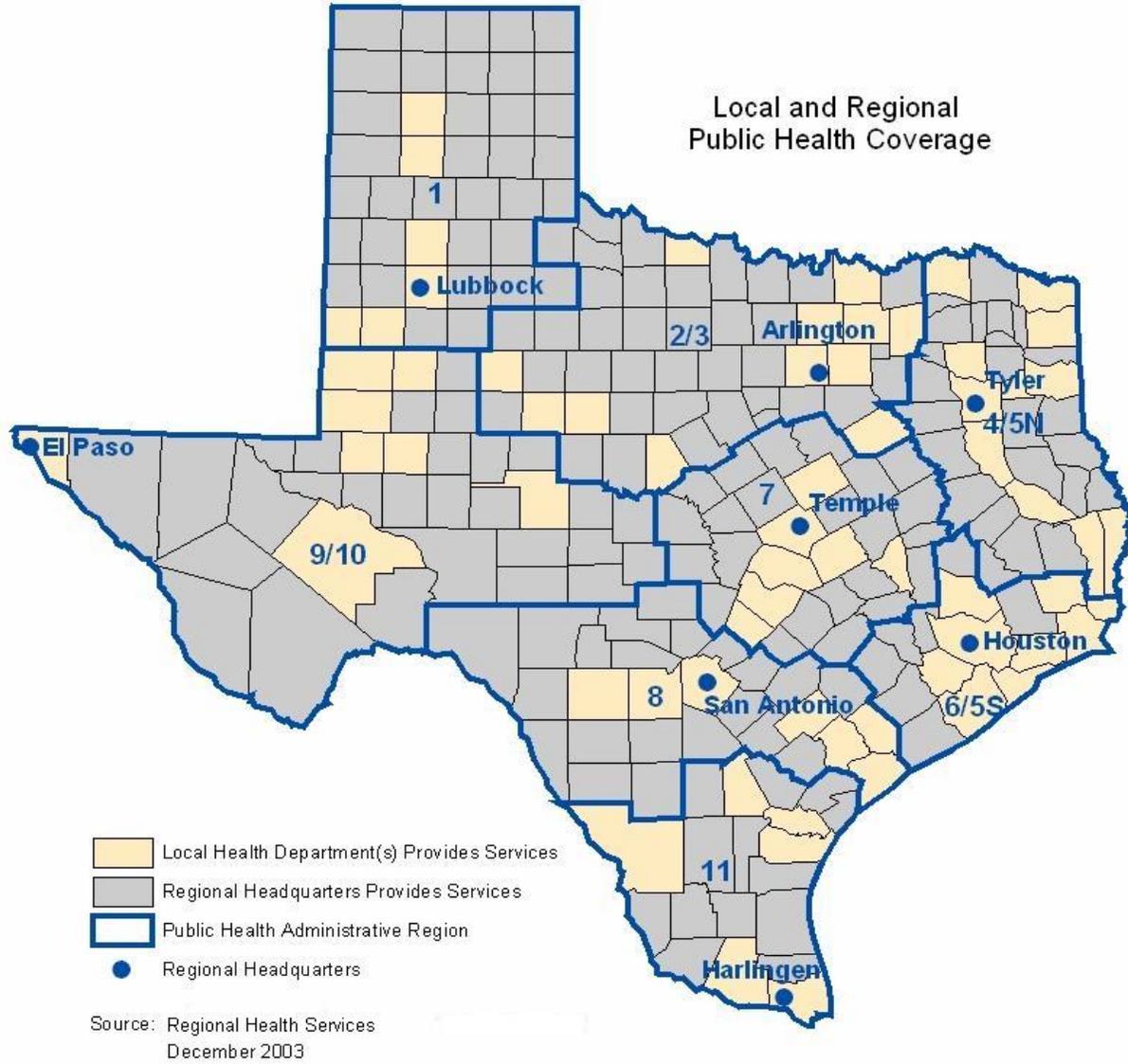
**March 2-6, 2008**

# Texas Department of State Health Services (DSHS)

- DSHS received \$1,108,618.00 to assist mosquito control programs in 22 southeast Texas counties that were adversely affected by Hurricane Rita
- \$1,053,188.00 in assistance was offered to enhance existing mosquito control programs or the creation of new mosquito control programs based on the principles of IMM

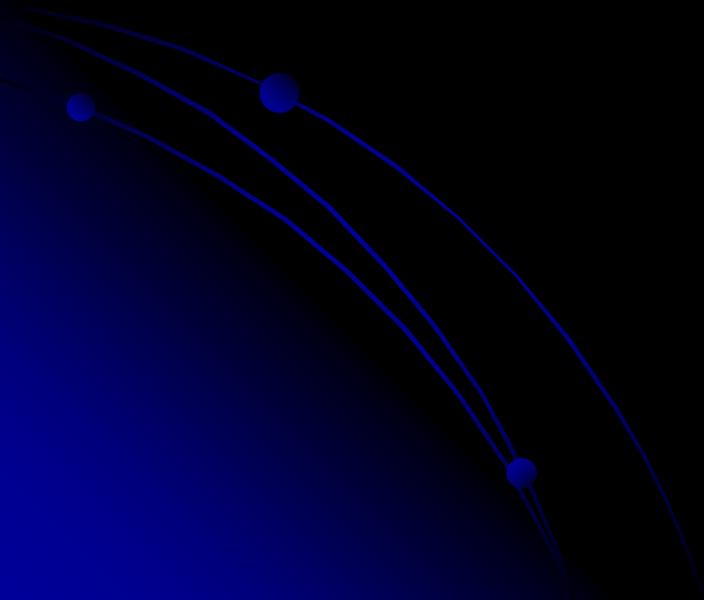
# Counties

Angelina, Brazoria, Chambers, Fort Bend, Galveston, Hardin, Harris, Jasper, Jefferson, Liberty, Montgomery, Nacogdoches, Newton, Orange, Polk, Sabine, San Augustine, San Jacinto, Shelby, Trinity, Tyler, Walker



# DSHS

- A Work Group was created to provide guidance to DSHS in the allocation and use of the funds



# DSHS Work Group Members

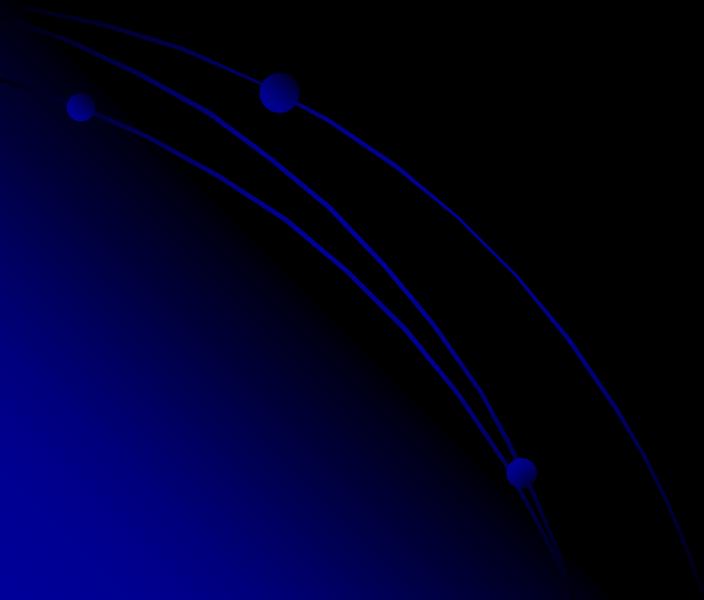
- Mr. Jeff Taylor, Infectious Disease Control Unit, DSHS, Austin
- Dr. James Wright, DSHS Region 4/5N Veterinarian, Tyler
- Dr. Paul Grunenwald, DSHS Region 6/5S Veterinarian, Houston
- Mr. Roy G. Burton, Environmental Health, DSHS, Austin

# DSHS Work Group Members

- Dr. Rudy Bueno, Harris County Mosquito Control Division
- Mr. Lee Chastant, Jefferson County Mosquito Control District
- Mr. John Marshall, Galveston County Mosquito Control District
- Mr. Mike Nichols, Texas Mosquito Control Association President

# DSHS Work Group Members

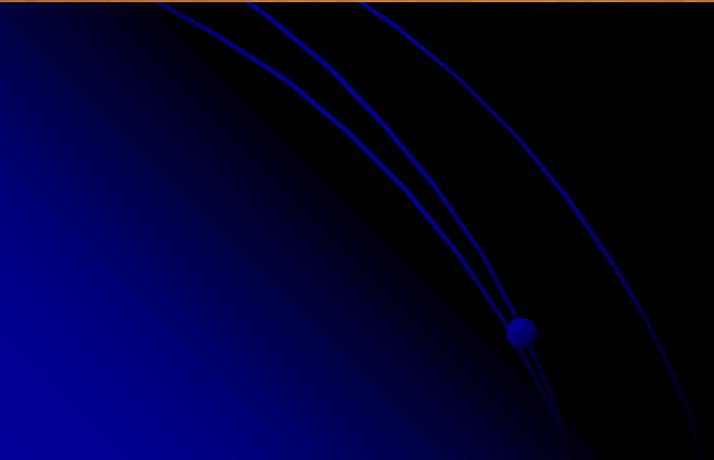
- Mr. Greg Weiler, EPA Region 6, Dallas



# DSHS Work Group

- Developed allocation of funding for each county
  - Developed contract deliverables
  - Developed letters that were sent to the County Judges offering funds
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# Allocation of Funds for the 22 counties



# Allocation of Funding

- DSHS Work Group developed a Points System for the Allocation of the Funding to the 22 counties



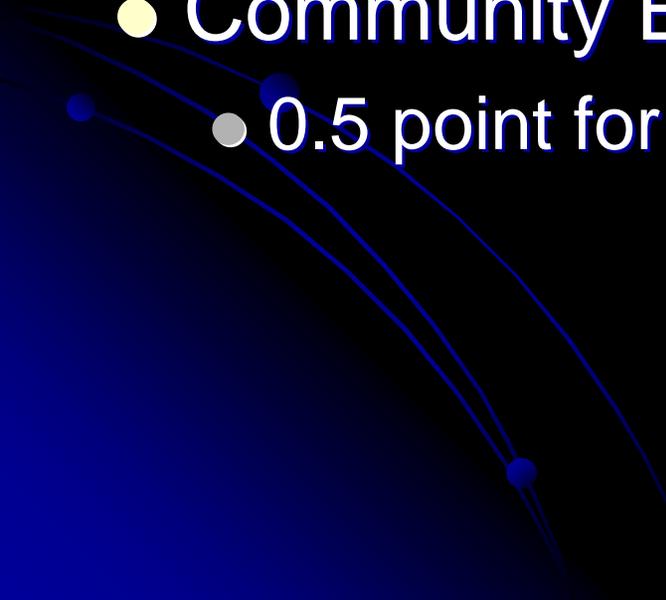
# Points System

- Each of the 22 counties were awarded 1.0 point, which had a value of \$17,700.46
- Additional points for each county were added based on documentation of
  - Mosquito Control Program
  - Documented Landing Rate Counts
  - West Nile virus Surveillance
  - Community Education

# Points System

- Mosquito Control Program
  - 0.5 point for partial area of county
  - 1.0 point for entire county
- Documented Landing Rate Counts
  - 1.0 point for 1-20 per minute
  - 2.0 points for 21-41 per minute
  - 3.0 points for 42-62 per minute
  - 4.0 points for 63+ per minute

# Points System

- West Nile virus Surveillance
    - 1.0 point for 1-75 submissions
    - 2.0 points for 76-151 submissions
    - 3.0 points for 152+ submissions
  - Community Education
    - 0.5 point for program
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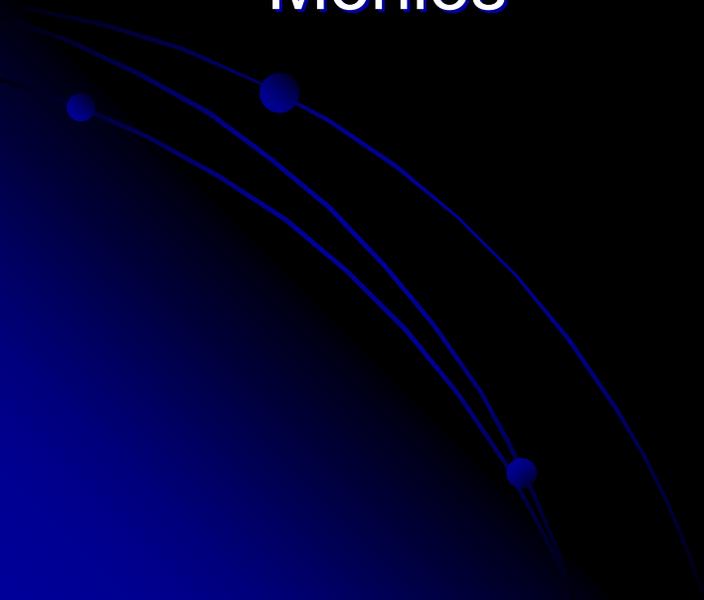
# Points System

- Total points for each county were tabulated and multiplied by \$17,700.46 to determine allocation funding for inclusion into letters to the County Judges
- Initial allocations ranged from \$17,700.46 to \$123,903.23

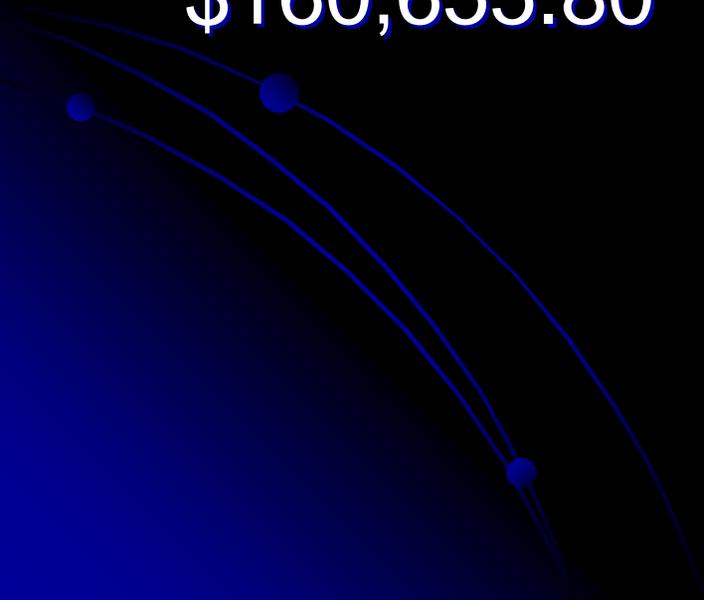
# Letters to County Judges

- A brief introduction to the availability of the funding and the DSHS contract requirements for receiving the funding
  - Submission of mosquitoes to DSHS for arboviral testing
  - Documented mosquito landing rate counts
  - Documented community education activities
  - Documented actions regarding investigation of mosquito complaints

# Letters to the County Judges

- Appendix to the letter
    - Integrated Mosquito Management (IMM)
    - IMM Activities Checklist
    - Purchases Authorized Using ELC Grant Monies
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# Letters to County Judges

- 11 counties choose to participate, submitted budgets and signed contracts with DSHS
  - Final allocations ranged from \$53,551.93 - \$160,655.80
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# Utilization of Allocation Funds

- Insecticide application equipment and upgrades
- Computers
- GPS Tracker Systems
- Insecticide droplet testing equipment
- Vehicles
- Aircraft
- Community education materials
- Personnel – Insecticide Resistance Studies

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